



THE PORT AUTHORITY
OF NY & NJ



ORIGINAL SIGNED & SEALED BY
N.Y. P.E. (OR R.A.)

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I HEREBY CERTIFY THAT THIS IS A TRUE AND CORRECT
COPY OF ONE OF THE CONTRACT DRAWINGS COM-
PILING A PART OF CONTRACT NO. WTC-945-071
IN THE FORM IN WHICH SAID DRAWINGS EXISTED AT
THE TIME THE SAID CONTRACT WAS EXECUTED BY
THE PORT AUTHORITY OF NEW YORK AND NEW JERSEY.
DATE: 11/6/98 *Signature*
DATE: 11/6/98 *Signature*
EXPERIENCE OF DESIGN

12/22/97 ADD GEN. RUL. 10
12/12/97 REROUTE FEEDERS
11/17/97 ISSUED FOR B0

No. Date Revision Approved
Engineering Department
Design Divisions

The
World
Trade
Center

Title
**STANDBY POWER
5 WORLD TRADE CENTER**

ELECTRICAL

**B3, B4 AND B5
LEVELS 15KV
FEEDER ROUTING**

This drawing subject to conditions in contract.
All inventions, ideas, designs and methods
herein are reserved to Port Authority and
may not be used without its written consent.

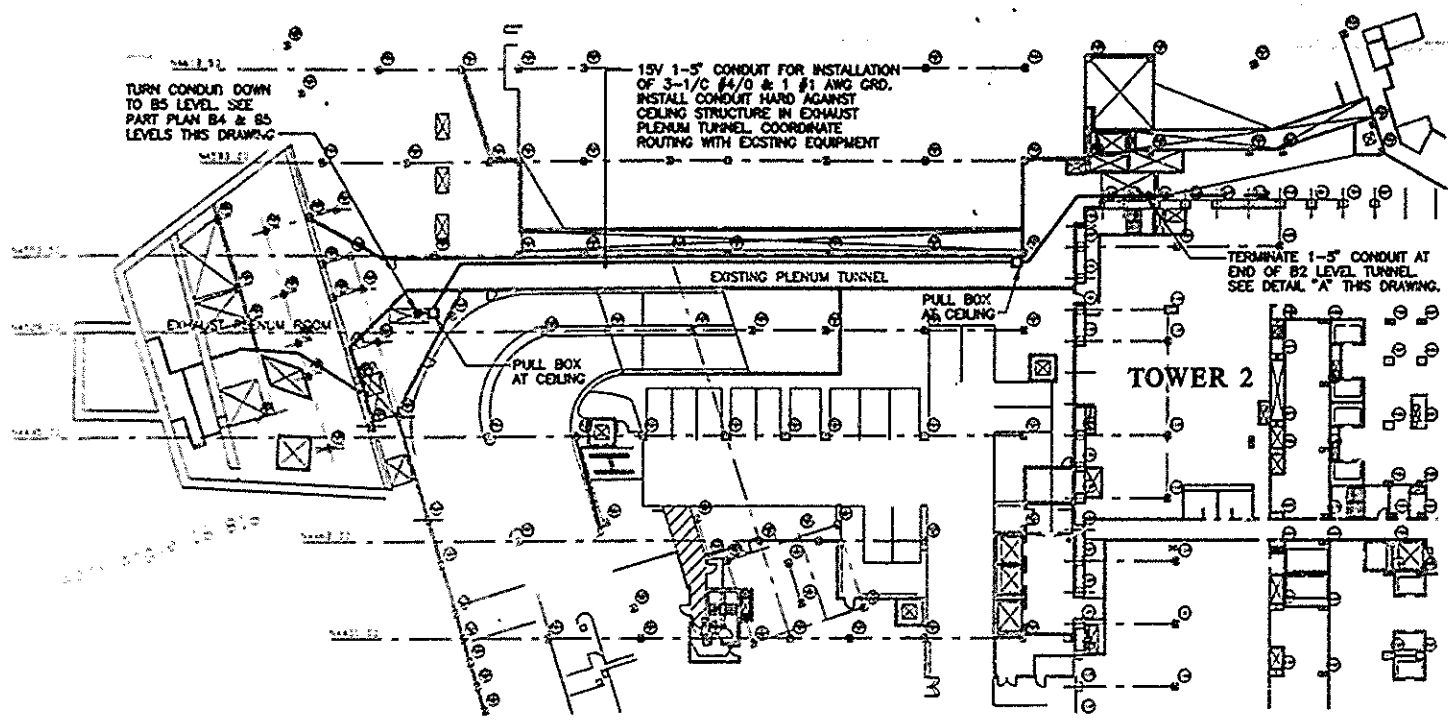
F.F.P. M.A.R.
Designed by Drawn by Check by

Date Scale
11/17/97 AS NOTED

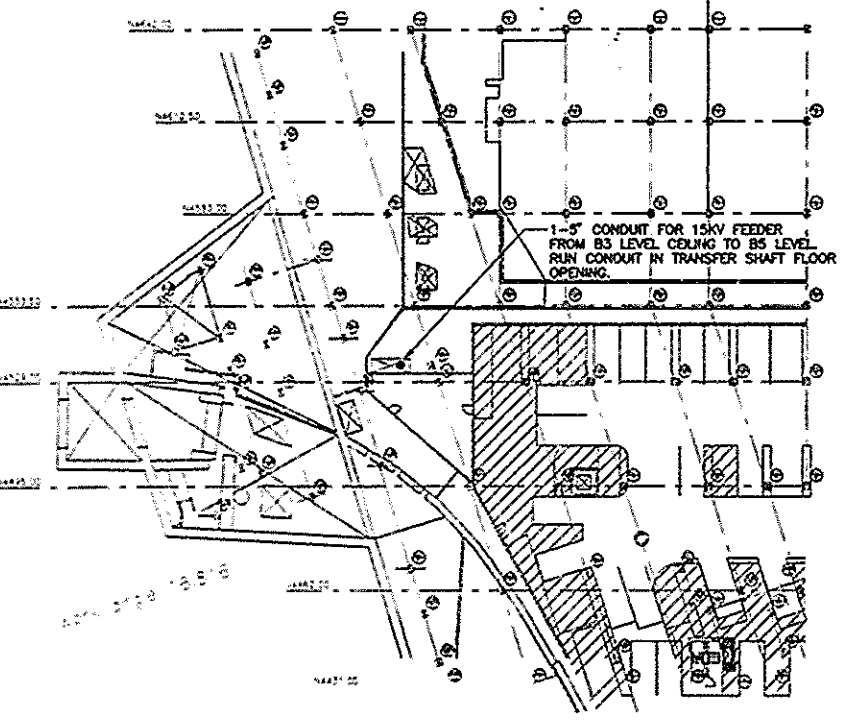
Contract Number Drawing Number
WTC-945-071 E6-02

- NOTES:**
1. FOR MASTER ONELINE DIAGRAM SEE DRAWING No. E1-01.
 2. FOR GENERATOR SYSTEM RISER DIAGRAM SEE DRAWING No. E1-02.
 3. FOR 2 WTC 15KV FEEDER RISER LAYOUT AND DETAILS SEE DRAWING No. E1-02.
 4. FOR 3 WTC 15KV FEEDER RISER LAYOUT AND DETAILS SEE DRAWING No. E1-02.
 5. THE HORIZONTAL ROUTING OF CABLE AND CONDUIT SHOWN ON THIS DRAWING IS SCHEMATIC. THE EXACT LOCATION AND ROUTING SHALL BE DETERMINED BY THE CONTRACTOR AT THE CONSTRUCTION SITE. COMPENSATION FOR INSTALLATION OF CONDUIT INCLUDING SUPPORTS, PULLING OF CABLE, PULL BOXES, CUTTING, PATCHING, REMOVAL AND REPLACEMENT OF EXISTING CONSTRUCTION IN THE WAY WILL BE PAID FOR AT THE NET COST THEREOF. "NET COST" SHALL BE COMPUTED IN THE SAME MANNER AS IS COMPENSATION FOR EXTRA WORK, INCLUDING ANY PERCENTAGE ADDITION TO COST, AS SET FORTH IN THE CLAUSE OF THE CONTRACT PROVIDING COMPENSATION FOR EXTRA WORK. COMPENSATION FOR SAID NET COST WORK SHALL NOT BE CHARGED AGAINST THE TOTAL AMOUNT OF COMPENSATION AUTHORIZED FOR EXTRA WORK.
 6. FOR CONDUIT(S) SUPPORT AND CONCRETE ENVELOPE DETAILS SEE STRUCTURAL DRAWINGS.

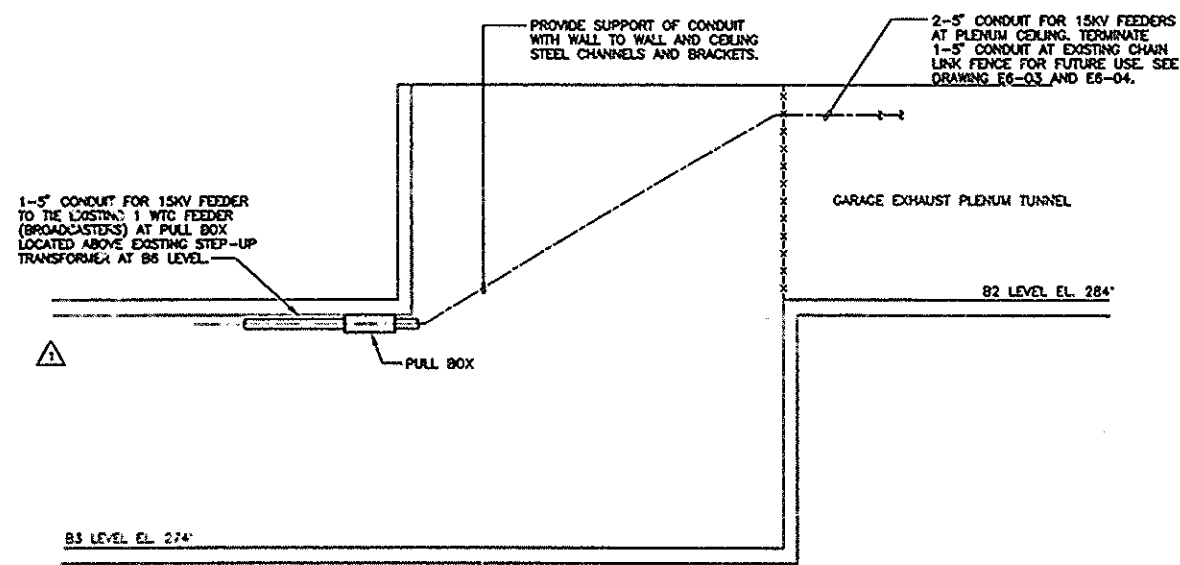
LEGEND	
-----	OVERHEAD CONDUIT BANK ENCASED IN 2" CONCRETE ENVELOPE
-----	CONDUIT BANK IN 8" CONCRETE FULL OVER EXISTING SUB
-----	OVERHEAD CONDUIT BANK NO CONCRETE ENVELOPE
-----	OVERHEAD CONDUIT FOR FUTURE SERVICE TO 1 WTC ENCASED IN 2" CONCRETE ENVELOPE



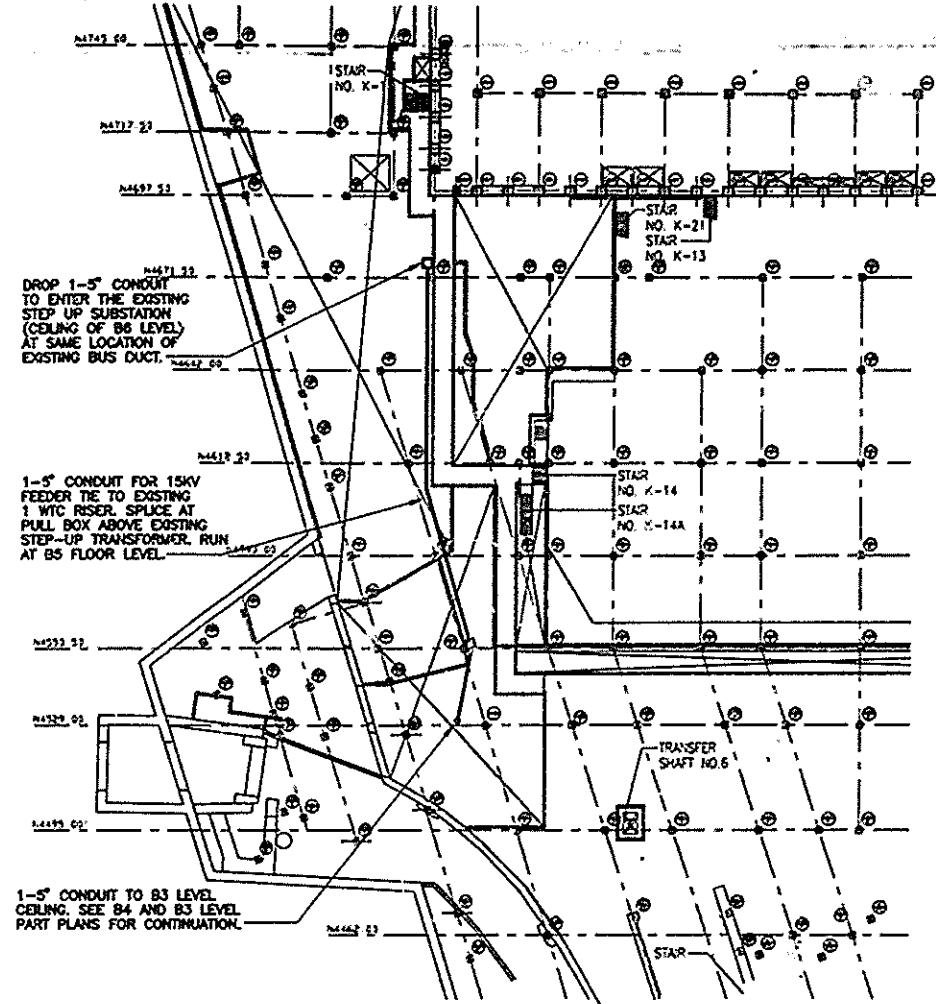
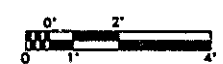
B3 LEVEL PART PLAN



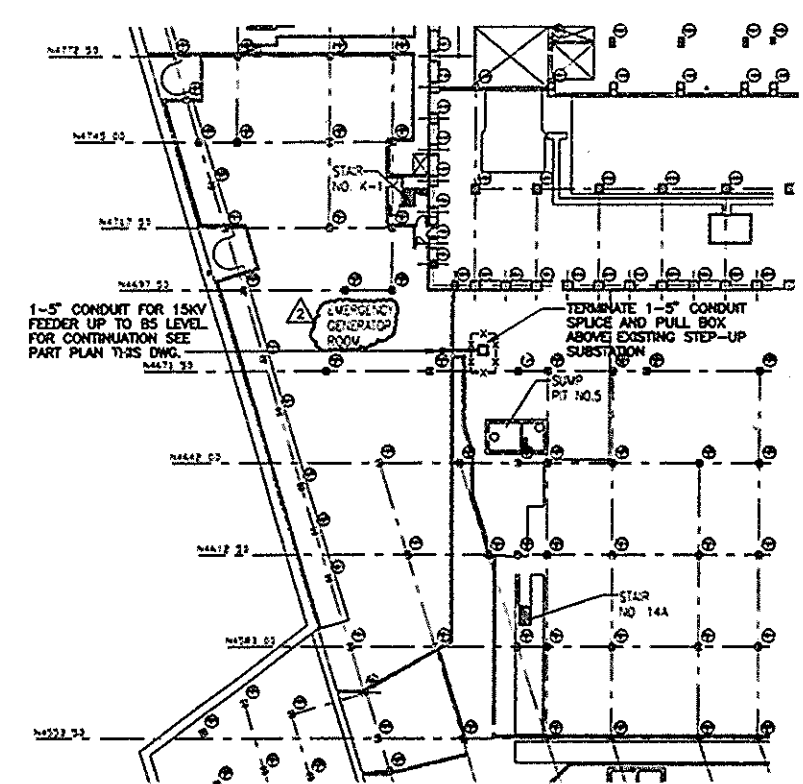
B4 LEVEL PART PLAN



**DETAIL "A"
SECTION ALONG B2 LEVEL
AT EXHAUST PLENUM TUNNEL**



B5 LEVEL PART PLAN



B6 LEVEL PART PLAN

